No 33 James 25 Sansom Stely Essaw Cholera Infantani; Presented to the medical Theultyn University of Pennsylvanio For the degree of Doctor of Medicine. William Baylor Of Vininia. Papped March 4 1829



spring, that such affections were not only obscure but in agreet measure unintelligible; than which a greater error searcely ever existed in the securce in a majority of eases, is so very requisite to a clear comprehension of their malidies. This want of oral information asobtained from a dulto, is known fuct, that infantile disorders are not only), comparitively speaking, more uniform in their cause; but forer in number, as also simpler in theer treatment. The dearders of hildhood and not



icacians or perhaps what is still worse some hartful vance; alaxue is existed in the breasts of the parents; a physician is calledin, who upon his arrival finds the disease so deeply rooted, that to eradicatest will be begand the power of his most potent remihay early and strict to those slight affections of infants,



as difficult dentition, improper food, the want of ever



heaviness, bothing of food, on down startings from such, thinso, heat, the hardness and distention of the abdomen, acchear endence of thier origin in the frema via, as also the too frequent errors committee is entrusted, the necessity of a strict altention to and life. Such is the variety of distressing and painful affections blic source of their diseases as well as the principal

offer these palinens ay acroso the which and not ingoplicable as I hope but introducting to the subject which shall hither by int if my origing, I shall prosecretate commission of cholerain faulien arely



the most alanming and palace affections to which that.

to States. No distinct and detailed account is afforder of fore conclude that it is not an endemic of any other ring dentilian; get they do not appear entirely andfrom Dr Chapman no mention of it is made Cleghoon on the diseases of Minore a; wherein Le ro to Der Louch that we are indebte for ito firsthistory. Lousnally makes it's appearance in the large cities of the United States during the months of sum mer and autumn, com menoing in fune or July and continuing unto the latter end of lep.



timber in the middle states; but of earlier series ou the bath because of the writer appearance of Lummer.

It attacks children from the first or second week of lefe to the second or third year of their ago. The tempera time of the meather has considerable influence, both in the production and mortality of this distant. The albanatime of heat and call, of dry new and maistime, operate point 1897 from theabout en unerales causes, cholora enfan tum prevailed to an alaxming extent and proved fatal in a great number of instances. It Chapman in his bectures on this subject, says, its predisposition is laid in debility induced by the direct agency of heat and thoritiatio durasphere of a large bity. These two predisposing causes oppear to ge have, the one being entirely destitute of home or without the co- operation of the other.

The experient him of these operated upon by these remote causes may be nead by excited into diseased action, by any of the



investible causes an employer for a superspense to their ay death Britand wearns of a. He formed of the senses are not on from the for some of the state was the especial being and was a stepped for the state was to for the other sense of found as the saw of found as well as the saw of found as the saw of th

Cholera infantiuro varies somewhat in the form of ite approach. Sometimes to commences as a simple disorhow without any other indications of indisposition; but in it's more ordinary and severe forms, it selvine with vomiting a awfurgings, with some sporms. odio uneasiness. Oftentime, there is remitting without purging; or still more frequently purging without vomiting; but in a majority of cases, these two aynitetous continue together through the whole course of the disease, or alternate with each other. There is fever attending and as in the remittent lipe, causints of manning remissions and evening ex a certation. The fulse is small and quick, or corded and irritated, and is seldone



of any other character. The discharges consider of yellow. hilo Lamelines they and their and watery; at other times stimy and bloody without any other indications of hico. Thomas and occasionly present in thostools. Luch is thoristence of the purgings that theingesto pass off unattered. Much pain appears to he ex. persenced by the little Rufferer, as evenero by his adtions, in consequence of a spasmodio uneasiness similar to what occurrin a dulto labouring under cholera morbus. We keas, from its intimate sympa. thelio consections with the stomach, is early affected alone. The feet becames odernatous avalso the face. is the insersability of the system that Dollash says, that he has seen flies to alight on the eyes when opening



them. Emocration rapidly supernenes in this desease, and in the latter stages the whole a speet of the chied becomes changed Under such circum etances it would seem that death was rapidly approaching; but it will sometimes get it occasionally proves fatation tracity four hours. Much will depend as it respects its duration whow the state of the weather. a dry hot and sultry day) never faces to aggravatvite violence; where as a cool day face. quently cheechs its progress. an aggrovation of these symptoms occurring marks the near approach of death. There are three symptoms first noticed by to Servees which I shall take tho liberty of copying from his work on the diseases of children, as they inva. really partied a fatal termination. The first he describes in the following language : it is a enjotalline out tion whom the chest, of an immensity of watery harteles, of a very minute size. The best idea we can courses of the appearance of this eruplion, is to imagino



a wast collection of nexicles, apparently produced by flir bailing water, and sach particle producing its approprie ving some thing from the throat. and we may montion another which we do not remember to have seen in the chranic forms of this affection. after analten. time can sederation of the symptoms presented in chot from the intermitting or remitting fevers or the chot. era marker of adults. Dr. Co wish in speaking of this part of the subject uses the following languages From the discharges of bile, which generally introdu ees this disease, from the morning remissions and overming exacerbations of the fever which accompanies it;



and pour its occurring nearly in the came season with the cholico and asmitting former facility of an exaposite to serverine it as a modely a chief of the same diseases. For its earlier appearance the house the above diseases, the same transfer or assignment to following over some. Its appearance search in the season of hours and remitting few in the season of the case with the well there of few in adult of must be the season with the constitution of the season of the case of the constitution of the c

Cooper ting the diagnosis of cloters in furtien titles much let aid. Heteyunplan oners as commoder that the musquistant of fifteened place a reconstruction of firmation medica, describing and has been to may be sensitive as a miscalive may be sensitive as a miscalive man and not example tening of fraction to support as not the tening of sensitive man of the tening of sensitive many described as a final sensitive of the sensitive man of the sensitive of the sens



prisher from techning, timilarity of use account of he save. He search of dayear at which choter of in from appears, it heirs, at that time from appears, it heirs, at that time from it is gradent extraction, and applaces included the free thought the save of the present of the save of the save

Concerning the jung noring essential friently with see or personnes. In lay down une grien call pag nortice in any was a few mount meets of have in the assistance remainder the few as in many other downson, accourties take of call and the most the most the reason and process father under the most of call and for the content of the content of the order of the conference of the content of the content of the conference of the content of the



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to auroence leaving anti, with your trivital edy of stemand, and have so placed present to retain any thing receives into the engrand in a with the above phone of the so has a great and full opposition of a construction of a construction of the above the section of the state of the state of the above the section of the above the above the section of the above the

thened our roundies succeed in restraining or an upon ing the consisting should the pulse because shows full or and more variouse, should the fuer and thinks about or not be very great; much hope may be entertained to for a farmerable service at so.

Of the seat and materia of this affection neclarity concaron absention the leaving that where deaths occurwing in this disease the brain is peffectly healthy; in case of a protractioner as superfectly healthy; in case of a protraction was the health of the seather than the period of the seather was the thousand view or was the thousand view or was the thousand view or was the seather with the case of which is a too with



mirchief. The abdominal nivera are those upon which this disease expondo its riolence. The trace of inflamation are to be seen throughout thou holvalismentory canal, and especially an the mucaus wat, in which are dark colour. is spots, confined principally to the duodenum. The large the disease assumes the form of dysentery. The peritone um vecasionally personely semilar to chave notices in the prime via. The hepatic apparatus is in every instance dark green colourymuch altered from its healthy state. Of the treatment.

the shotor of infanteur commences with such evident derangenessed of the former wind the fort and most obvious



indication to be fullfilled, to to evacuate the contents of the bouch and thus remove what may prove offensive. exibition of a little landan um occasionally, together circumstances, of having recourse to such means, Joungor. This if he speedy in its operation will quick.



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ilor eir cum etruero jurch einus j prasaniki auretyme injaetana, sartemay eine famen tahun te the stom och aut thousan hatelagi. A steny the invitability. A steny erfue jurch in famen fa

Wear object hing all wines useredy the govering of instantion of pyrether as anesor to calcunst in assert desermined in assert the same him to be the care him and with a very minute for have of of insigh he give end as instances to for have yet at the through he give end to be predented in a line of a darkey received him made as produced to be for great about for sort from may have continued the account of the sort from many the given at language him for those or from home, accounting to the super form a line or considered many to consider the stranger was to be superformed for the sort of the superformance of court for experience of the superformance of the superformance



courage varieting, or rather facilitate the rejections of the offending substance, by draughts of warm water, or in may according to the recommendation of Same enrient Practices was offer most violently with propriety does not appear very chiano. This treatment must be pur suce in the a cute forms of cholera, unto the alouning symptoms subside An anodyne injection may be or ca seamally resort. ment. The fever which userally altereds, can be very effeetually combates, by general and topica oblived let. ting. The applications of leach to the spig astrum, if the be great goodnes distress, or to the temples, if there cene. brac de termination, will be honeficial; if the fever run high. Calamel opposes to be the main de pen-



faction to resty it above that one can expect to remove the decar garaction of their to real organic suderfully eintheater.

So come as the atom entiny canalline rempletely evannational charted winterform the world funge in resumtive there is no common to be time, an accumulation of bettians and other of for ein the one gentine in the hopet in apparatus has been form the conservation of sindenn about the of the foreaut.

of the housing country a country to promo viagous met affects that the form on the country to the strategies that are been control on the surface. The factor are to construct to the surface that are been about to measure the same of the produces and for factoring is a good formula. To be affective to great formula, to be affective to great formula, to be affective to great formula, which are formula to the area to the area of the construction and the area to great and the area to the area to the area of the control to each of the control to the area of and to which help for interface to the land to control to each of the control control to and a sinch are good.



may ad min ister such as make a direct impression an tribution of temperature on the surface one part being very cold. It is here that the warm back affords much relief by producing a proper differ size of temporations the may increase its office any by the addition of pep. per, salt, brandy or bitter herbs, ar by frictions on the surface on leaving it. In this way it will how a strang action on the akin. Coperating to the same end, blisten may be emplayed and shaned be applied to the abdomen or extremities according to the indication These latter may be emplayed at any stage of cholera should there be an unequal distribution of time perceture. But of all the removes of this class the morn. bath is decidedly the most voluable.

By calomer then to restore the healthy secretions of the



lieno pain, by ipecas wanto to give teno to the parts, by the warm bath are blistens to make a denect impression on do shin (the proper action of which is indispenseale to the restoration of health) do we expect to remove the remember of the disease, after the judiciones use of purgations. In consequence of the close sympathetic connection existing between the alimentary canal the liver and skin, much importance is to be alteration to the last class of remidies. It is from the wanne which forms so prominent a symptom. It also acts by causing a determination to the surface; thus Cholere infantum after continuing for a few days, and sometimes for a week or mores passes



into the state of a diarehear altended by some deganes from mence and traversum. He et smach at this provide of the diseased became as much debilitation and very in-

the disease becam as much debilitate, and very irvitable. In this state we administer the alkaline and exclaceous preperations variously combined: two or three hours. When the negitable alkale is adminis ag Hout 3 ill dose avalone. Much may be expected from prescription take of full Rober: X gr cal magxxxxx Land x gtt. Racch act, 31 Eil anise seed x gtt ag Faut 311. a lea span fue every two or three haven is partice



as 1/4 1/6 ar / ggr at an interval three or four hours. acher Calameter not tobe neglectio in the treatmond of this part tion or a want of bilians discharges or should then vitiates humaurs. Opin fusion of the dew benny not is much extoller by Propersor Chapman. The following is his mode Chadministering it loke of the brused not 1 /2 and pour upon and pint of boiling water. He dose of this infusion is a devert spoon pue. In this part of the treatment; deficient hilions discharges, or by the presence of ni-



the land to be smed stronger a sindreated by the leader tanger and stimp elocky may not expect amuch benefit from spiritiff live per line in duce of from 5 to 20 oft the very four times predict Let we way that he have known this result from energy ful when are hope if I accorded you was face when are hope if I accorded you was good from the second fact.

and great and for the but in all other exception necessary that do attention to paid the before exercised as a surface the forest and for the surface the forest and for the surface the surface the surface the surface the surface to the surface the surface to th



this essay so far, as mere paliatives and esting as the remote and immediate causes continue to act: sure convarely he effected. The sourciguremidy V ener of the above mentioned causes. The greatest advoulage is to be expected from a nemaralier to the cauntry; the pure and fresh air of which produces a most wanderful effect, not only in the cure but in the prevention of this disease. as the practice of medicine should be extended not only to the cure; but also to the prevention of disease, it will form a proper con clusion to this essay to lay down certain rules for this latter purpose. 12 The chier should be weared somer than one year after birth. In the cow bath ought to be used. This by importing tone to the eyetern will have a tendency



to frostify the enfant against an attack 2 Hearnels show he have been and the shire. It show diet any hotelier through to have medical surface the strong through the sound that the history constains the figure of the ground hey any hot to he facely larvelle the shire have been a conservation of the control of the contro

